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Model #: PV1250FC

PowerVerter Plus Inverter - Industrial-Strength Power for Heavy-Duty Applications



Highlights

- 12V DC input; 120V AC output; 2 outlet
- 1250 watts continuous output
- Peak surge output: OverPower (up to 1 hour) - 1875 watts, Double-Boost (up to 10 seconds) - 2500 watts
- High efficiency power conversion
- Automatic overload protection

Description

Harness your vehicle's battery to efficiently power office equipment on the road or power tools at a work site. Continuously supplies up to 1250 watts of 120V AC power to 2 AC outlets from any 12V battery or automotive DC source. Frequency control locks AC output at 60Hz for operating stability of motor loads. Includes a set of high current DC input terminals for simple, permanent installation. Highly reliable large transformer design specializes in powering motors and other inductive loads with high-current startup needs.

PowerVerter Plus Inverters accommodate "peak surge" demands by delivering more output power than their continuous rating. Compare the "Continuous" and "Peak Surge" wattage ratings, and you'll find PowerVerter Plus Inverters supply up to double their output to easily handle equipment start up and motor cycling requirements. A DoubleBoost feature provides up to 200% of the continuous output for up to 10 seconds, providing the extra power needed to cold start heavy-duty tools and equipment. An OverPower feature delivers up to 150% of the continuous output for up to 1 hour.

Applications

- Ideal for power tools, pumps, fans, desktop computer systems, laptops, portable electronics, battery chargers for cell phones, pagers, notepads and games, full size TV-VCR & stereo systems, camcorders, lighting and other AC applications under 1250 watts continuous/2500 watts peak.

Package Includes

- PV1250FC inverter
- Instruction manual

Features

- Allows users to run large, motorized AC appliances from any 12V battery or automotive DC system
- Converts 12V DC battery power to 120V AC power
- 1,250 watts continuous output power
- Peak output power: OverPower (up to 1 hour) - 1875 watts, Double-Boost (up to 10 seconds) - 2500 watts
- 2 outlets; DC input terminals for 12V battery connection
- Frequency control for operating stability
- High-efficiency operation conserves batteries to prolong run time
- Diagnostic LEDs indicate load level (high, medium, and low) and battery charge (high, medium, and low)

- DC fusing protects inverter against overload
- RJ45 port allows connection of APS/PowerVerter Remote Switch (manuf# APSRM4)

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	Compatible with 12V DC automotive or battery power sources
Frequency compatibility	60 Hz
OUTPUT	
Output watts	1250W (continuous)/2500W (peak)
Output nominal voltage	120V
Output voltage regulation	Maintains PWM sine wave output voltage of 120 V AC (+/-5%)
Output frequency regulation	60 Hz (+/- 0.3 Hz)
Outlet quantity / type	2 AC outlets
Overload protection	Circuit breaker
Continuous output capacity (watts)	1250
Peak output capacity (watts)	2500
INPUT	
Input connection type	Set of 2 DC input terminals
Input cord length	User supplies cabling. 4 gauge or larger recommended.
Recommended Electrical Service	Requires 12V DC input source capable of delivering 127A for the required duration (when used at full capacity). For automotive applications, professional hardwire installation with 200A battery system fusing is recommended.
Maximum input amps / watts	Full continuous load - 127A at 12V DC, No load - 2.2A at 12V DC
BATTERY	
DC system voltage	12V
LEDS ALARMS & SWITCHES	
Front panel LEDs	Set of 6 LEDs offer continuous status information on load percentage (6 levels reported) and battery charge level (7 levels reported). See manual for sequences.
Switches	3 position on/off/remote switch enables simple on/off power control plus "remote" setting that enables distant on/off control of the inverter system when used in conjunction with optional PHYSICAL
Shipping weight (lbs)	24.8
Shipping weight (kg)	11.2
Shipping Dimensions (HWD/in)	12.5 x 11 x 10.75
Shipping Dimensions (HWD/cm)	31.8 x 27.9 x 27.3
Unit weight (lbs)	23.2
Unit weight (kg)	10.5
Unit Dimensions (HWD/in)	7 x 8.75 x 9
Unit Dimensions (HWD/cm)	17.8 x 22.2 x 22.9
Material of construction	Polycarbonate

Form factors supported	Mounting slots enable permanent placement of inverter on any horizontal surface (see manual for additional mounting information)
Cooling method	Fan
Style	Heavy-duty
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
SPECIAL FEATURES	
Appearance	Black color
Remote control capability	Yes
WARRANTY	
Product Warranty Period	1 year (Outside the U.S. and Canada, call for warranty information)

Related Items

Inverter Accessories		
APSRM4	Remote Control Module - for Tripp Lite Inverters and Inverter/Chargers	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3056.